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**[PDF] Virtual Resource Manager (VRM) Active Interfaces (AIs) Project ...**

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... of this is because the local **resource management** systems (RMS) used by Grid ... mainly for testing and as **user interface**. Another group develops a tool ...  
kbs.cs.tu-berlin.de/teaching/ws2004/gridcomputing/material/ai.pdf - [Similar pages](#)

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... erence to any **resource object** created locally, so it can ob- ... ther a command line or a graphical **user interface**. Figure 3 ...  
www-valoria.univ-ubs.fr/Yves.Maheo/publis/ECBSE2004.pdf - [Similar pages](#)

**Status: November 1998**

... A resource, represented by a "**resource object**", includes both hardware and ... with a single, seamless graphical **user interface** based on HTML forms. ...  
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... A resource, represented by a "**resource object**", includes both hardware and ... for which there are **user interface** interactions and dependencies. ...  
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**JOT: Journal of Object Technology - Finding Frameworks Hot Spots ...**

... This second process is supported by a wizard with a **user interface** that follows ... in which a pattern language for business **resource management** is the ...  
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... The critical **task** of destructive transaction is to maintain. service consistency. ... **Resource management** locates on every node of cluster. It ...  
doi.ieeecomputersociety.org/10.1109/IPDPS.2005.166 - [Similar pages](#)

**[PDF] A Process for Framework Construction Based on a Pattern Language**

File Format: PDF/Adobe Acrobat

... an application layer and a graphical **user interface** (GUI) ... tern language for business **resource management**. In 6th Pat- ...  
doi.ieeecomputersociety.org/10.1109/CMPSAC.2002.1045072 - [Similar pages](#)

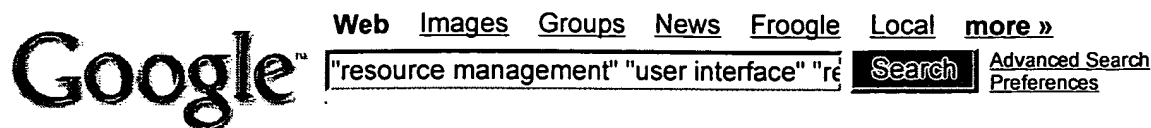
**[PDF] A Generic, Distributed and Scalable Multimedia Information ...**

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... the **Resource Object** and the Context Object. Since. these are abstract concepts, ... In the client, the integration of the **user interface** is ...  
csdl.computer.org/comp/proceedings/hicss/1999/0001/08/00018042.PDF - [Similar pages](#)

**Web + Object Integration**

... a composite GUI that embeds a **user interface** in a JavaBeans component, ... Resources can be created by either directly defining the **resource object**, ...



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### GT 3.9.3 Component Guide to Public Interfaces: Java WS Core

... However, the **resource object** at minimal must implement the org.globus.wsrf.

... file mainly contains the information about the **resource management**. ...

www.globus.org/toolkit/docs/development/ 3.9.3/common/javawscore/Java\_WS\_Core\_Public\_Interfaces.html - 45k - [Cached](#) - [Similar pages](#)

### Index

... IBM **Resource Management Facility**. See RMF. IBM **Resource Object Data Manager**

... associating a Tivoli Management Framework **task** with a software component ...

publib.boulder.ibm.com/infocenter/ tiv3help/topic/com.ibm.tivoli.itbsm.doc/bsma594.htm - 269k - [Cached](#) - [Similar pages](#)

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### IP Workshop - Simmel/Godard: Metering and Licensing

... many more can be implemented atop Kala's **resource management** primitives, ...

The application has a **user interface** (eg, part of its GUI) that provides ...

www.cni.org/docs/ima.ip-workshop/Simmel.Godard.html - 82k - [Cached](#) - [Similar pages](#)

### [PS] A thread concept for automatic **task** parallelization in image ...

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... Every edge is labeled by a **resource object** that further describes the ...

top layer is the **user interface** that enables the user to specify the **task** or ...

www9.informatik.tu-muenchen.de/ papers/1998/SPIE-3452-98-Lueckenhau-Eckstein.ps - [Similar pages](#)

### [PDF] Finding Frameworks Hot Spots in Pattern Languages

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... supported by a wizard with a **user interface** that follows the same concepts of

... a pattern language for business **resource management** is the source for ...

www.jot.fm/issues/issue\_2004\_01/article2.pdf - [Similar pages](#)

### [PDF] "The Common Object Request Broker: Architecture and Specification"

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... Distributed memory and **resource management** is a hard problem; it is very ...

**resource object** to write into stable storage all state changes made during ...

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... a set of functions for managing a subset of the **user interface**, referred to as

... device I/O and system diagnostic routines. **Resource management** ...

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### [PDF] GU0102 TSK51x/TSK52x RTOS

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... use a graphical **user interface** which helps you create the OIL file. ...

**Resource Management**. 7-15. If we assume a fully preemptive policy: **TASK (T)** ...

www.altium.com/files/learningguides/ GU0102\_TSK51xTSK52xRTOS.pdf - [Similar pages](#)

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### 1 [Abstract interaction tools: a language for user interface management systems](#)

Jan Van Den Bos

 April 1988 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 10 Issue 2

Full text available: pdf(2.45 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

A language model is presented for the specification of User Interface Management Systems. The model, called the Abstract Interaction Tool (AIT) model, offers a tree-like hierarchy of interaction objects. Each object represents a subtree and can be considered as an abstract input device containing a syntax-like specification of the required input pattern. The hierarchy of specifications amounts to a system of syntactical productions with multiple control. Terminal nodes of the AIT tree repre ...

### 2 [TAE Plus: Transportable Applications Environment Plus: a user interface development environment](#)

Martha R. Szczer, Sylvia B. Sheppard

 January 1993 **ACM Transactions on Information Systems (TOIS)**, Volume 11 Issue 1

Full text available: pdf(1.99 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The Transportable Applications Environment Plus (TAE Plus) is a NASA-developed user interface development environment (UIDE) for the rapid prototyping, evaluation, implementation, and management of user interfaces. TAE Plus provides an intuitive What You See Is What You Get (WYSIWYG) WorkBench for designing an application's user interface. The WorkBench supports the creation and sequencing of displays, including real-time, data-driven display objects. Users can define context-sensitive help ...

**Keywords:** graphical user interfaces, prototyping, user interface development tools

### 3 [An event language for building user interface frameworks](#)

N. V. Carlsen, N. J. Christensen, H. A. Tucker

 November 1989 **Proceedings of the 2nd annual ACM SIGGRAPH symposium on User interface software and technology**

Full text available: pdf(879.23 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Languages based on the event model are widely regarded as expressive and flexible

notations for the specification of interactive graphical user interfaces. However, until now, they have only been used to specify and implement the dialogue control component of user interfaces. This paper presents an extension of the event model. A computable notation, the event language, based on this is used to construct a complete user interface framework. The framework forms the runtime compone ...

4 Resource management for scalable disconnected access to Web services

Bharat Chandra, Mike Dahlin, Lei Gao, Amjad-Ali Khoja, Amol Nayate, Asim Razzaq, Anil Sewani

April 2001 **Proceedings of the 10th international conference on World Wide Web**

Full text available:  [pdf\(410.68 KB\)](#) Additional Information: [full citation](#), [references](#), [citing](#), [index terms](#)



5 Clue: a common lisp user interface environment

Kerry Kimbrough, LaMott Oren

January 1988 **Proceedings of the 1st annual ACM SIGGRAPH symposium on User Interface Software**


Full text available:  [pdf\(895.95 KB\)](#) Additional Information: [full citation](#), [references](#), [citing](#), [index terms](#)



6 Design and implementation of a trader-based resource management system

A. Warren Pratten, James W. Hong, J. Michael Bennett, Michael A. Bauer, Hanan Lutfiyya

October 1994 **Proceedings of the 1994 conference of the Centre for Advanced Studies on Collaborative research**

Full text available:  [pdf\(200.29 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#), [index terms](#)




Distributed computing systems are composed of various types and sizes of resources. Providing a reliable and efficient distributed computing environment largely depends on the effective management of these resources. ISO has begun work on a proposed standard for Open Distributed Processing (ODP). The ODP framework includes a mechanism called the Trader which provides a framework for exchanging services in an open distributed computing environment. This paper presents a design of Trader-Based Res ...

7 A user interface management system

David J. Kasik

July 1982 **ACM SIGGRAPH Computer Graphics , Proceedings of the 9th annual conference on Computer graphics and interactive techniques**, Volume 16 Issue 3

Full text available:  [pdf\(660.75 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#), [index terms](#)



The design and construction of the user interface to interactive systems is receiving increased attention. This paper describes a user interface management system that allows a designer/developer to focus on the logical functionality of an application without the usual bookkeeping associated with a conventional programming language. The user interface management system contains two components: a special purpose, application independent dialogue specification language and a run-time interpreter ...

**Keywords:** User interface management

8 How to manage large APL projects: a user interface management system approach

Richard R. N. Eller

July 1991 **ACM SIGAPL APL Quote Quad , Proceedings of the international conference on APL '91**, Volume 21 Issue 4



Full text available:  pdf(887.25 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

There is a common trend towards Graphical User Interfaces (GUI). Writing applications for such an environment puts new demands on designing software and managing its development. The applications software needs to be event based. It needs to have a special uniform "feel" and provide flexibility for both the novice and experienced user. Many of the new GUI oriented needs can be handled by traditional User Interface Toolkits or Libraries. However, using these will not solve the complexity of a good ...

#### 9 Towards model-based design support for distributed user interfaces

Chris Vandervelpen, Karin Coninx

October 2004 **Proceedings of the third Nordic conference on Human-computer interaction**Full text available:  pdf(422.52 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

User Interface design has been evolving for years to keep pace with different emerging technologies that effect human-computer interaction. Formal techniques for command-line interfaces, Drag-and-drop User Interface creation for Graphical User Interfaces and Model-Based Interface Design for Multi-Device User Interfaces are a few examples of this evolution. Nowadays communication channels between devices are getting faster, more reliable and will be omnipresent in a matter of time. Human inter ...

**Keywords:** HCI, UI distribution, UI migration, high-level UI description, interaction resources

#### 10 JRes: a resource accounting interface for Java

Grzegorz Czajkowski, Thorsten von Eicken

October 1998 **ACM SIGPLAN Notices , Proceedings of the 13th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications**, Volume 33 Issue 10Full text available:  pdf(2.01 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

With the spread of the Internet the computing model on server systems is undergoing several important changes. Recent research ideas concerning dynamic operating system extensibility are finding their way into the commercial domain, resulting in designs of extensible databases and Web servers. In addition, both ordinary users and service providers must deal with untrusted downloadable executable code of unknown origin and intentions. Across the board, Java has emerged as the language of choice for ...

**Keywords:** Java, extensible systems, resource management

#### 11 The effects of practical business constraints on user interface design

Debra Herschmann

May 1995 **Proceedings of the SIGCHI conference on Human factors in computing systems**Full text available:  html(24.62 KB)Additional Information: [full citation](#), [index terms](#)

#### 12 An empirical evaluation of user interfaces for topic management of Web sites

Brian Amento, Will Hill, Loren Terveen, Deborah Hix, Peter Ju

May 1999 **Proceedings of the SIGCHI conference on Human factors in computing systems: the CHI is the limit**

(PUNCH). The described solution provides users with a single point of access to resources spread across administrative domains, and an intelligent translation process makes it possible for users to submit jobs to different types ...

#### 16 Positioning human factors in the user interface development chain

Jonathan Grudin, Susan F. Ehrlich, Rick Shriner

May 1986 **ACM SIGCHI Bulletin , Proceedings of the SIGCHI/GI conference on Human factors in computing systems and graphics interface**, Volume 17 Issue SI

Full text available:  [pdf\(809.72 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Human factors professionals are not completely free to support the optimization of user interface design within the time span of individual software development projects. Interface design is constrained by conservative forces, such as the expectations of users of existing systems in the installed base and emerging de facto or formal standards. At the same time, human factors involvement with a particular product may ultimately have its greatest impact on future product releases. In this paper ...

#### 17 Pushdown automata for user interface management

Dan R. Olsen


July 1984 **ACM Transactions on Graphics (TOG)**, Volume 3 Issue 3

Full text available:  [pdf\(1.44 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

#### 18 Digital libraries for spatial data: G-Portal: a map-based digital library for distributed geospatial and georeferenced resources

Ee-Peng Lim, Dion Hoe-Lian Goh, Zehua Liu, Wee-Keong Ng, Christopher Soo-Guan Khoo, Susan Ellen Higgins

July 2002 **Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital libraries**

Full text available:  [pdf\(291.03 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

As the World Wide Web evolves into an immense information network, it is tempting to build new digital library services and expand existing digital library services to make use of web content. In this paper, we present the design and implementation of G-Portal, a web portal that aims to provide digital library services over geospatial and georeferenced content found on the World Wide Web. G-Portal adopts a map-based user interface to visualize and manipulate the distributed geospatial and georef ...

**Keywords:** digital libraries, education, geography, world wide web

#### 19 Active resource management for the differentiated services environment

Manish Mahajan, Ananthanarayanan Ramanathan, Manish Parashar

May 2004 **International Journal of Network Management**, Volume 14 Issue 3

Full text available:  [pdf\(216.69 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a mechanism for active resource management (ARM) in a differentiated services environment. While the differentiated services architecture and the bandwidth broker agent provide a mechanism for QoS management through resource reservation, this mechanism is based on a static provisioning of resources. As bandwidth requirements are typically dynamic, such a static reservation approach can either lead to wasted bandwidth or leave applications resource-starved. The active resource ...

**20 User-level threads on a general hardware interface**

K. R. Mayes, S. Quick, B. C. Warboys

October 1995 **ACM SIGOPS Operating Systems Review**, Volume 29 Issue 4Full text available:  [pdf\(539.99 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Moving resource management out of the operating system kernel facilitates a high degree of customisation. The lowest layer of the Arena system provides an abstract interface to conventional processor hardware (Mayes, 1993; Quick, 1995). The idea is to encapsulate the hardware behind an interface with certain low-level concepts which are generally applicable to any processor. Localization of hardware-dependency has the effect of increasing modularity and thus portability. This encapsulation, term ...

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